

Amendments to the Specification:

Please replace the paragraph starting on page 10, line 27 through page 11, line 5 with the following amended paragraph:

Intravascular balloon catheter 10 constructed in accordance with the principles of the present invention is illustrated in Figs. 1-5. The intravascular balloon catheter 10 comprises a catheter body 12 and a balloon structure 14. The catheter body 12 is an elongated structure having a proximal end 16, a distal end 18, and a guidewire lumen 20 (Fig. 5) extending therebetween. The catheter body 12 preferably comprises a tubular member having at least one lumen. In some instances, the catheter body may comprise multiple tubular members coupled to one another to form an elongated structure. A perimeter of the catheter body may have a circular shape, as shown in Fig. 5, an oblong shape, as shown in Fig. 5D, or an elliptical shape, as shown in Fig. 5E. Optionally, a tapered cone 22, atraumatic tip, or other distal structure may be provided at the distal end 18 in order to facilitate introduction of the catheter body through the vasculature. Alternatively, the distal end of the catheter body may be axially tapered for a length of at least 3 mm.

Please add the following two (2) new paragraphs on page 9, after line 28:

Fig. 5D is a further alternate cross-sectional view taken along line 5-5 of Fig. 2.

Fig. 5E is a still further alternate cross-sectional view taken along line 5-5 of Fig. 2.